

ESR 31-2 EC



Short description

Sound-insulated ventilation box with EC motor and swivelling fan, DN 315, alternating current

Application examples

Commercial premises, Showroom, Office, Foreman's office, Changing room

Article number 0080.0714

Technical data

Air flow volume	2.050 m³/h
Rotating speed	3.670 1/min
Speed controllable	✓
Rated voltage	230 V
Frequency	50 Hz
Nominal output	538 W
I _{nom}	2,1 A
I _{max}	2,1 A
Degree of protection	IP 44
Insulation class	B
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Housing material	Sheet steel, galvanised
Colour	Silver
Weight	26,14 kg
Weight including packaging	28,62 kg
Swivelling fan	✓
Nominal size	315 mm
Width	540 mm
Height	385 mm
Depth	610 mm
Width with packaging	560 mm
Height with packaging	420 mm
Depth with packaging	690 mm
Airstream temperature at I _{Max}	-20 °C up to 50 °C
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799807148

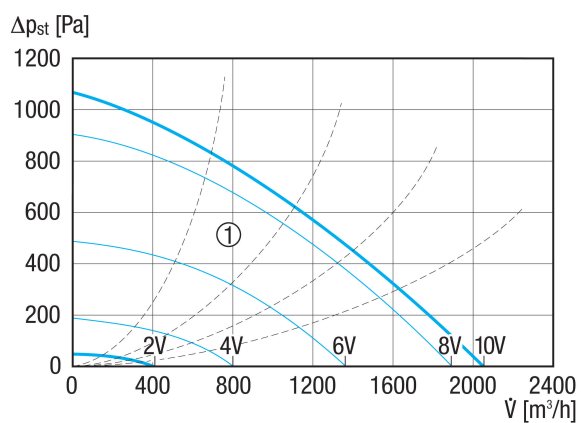
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, high (dB(A))	47	60	62	63	60	65	65	54	70
L_{WA5}, high (dB(A))	54	65	72	68	72	71	68	62	77
L_{WA6}, high (dB(A))	57	68	78	83	88	89	84	76	92

L_{WA2}= housing sound power level in dB.
 L_{WA5}= free inlet sound power level in dB.
 L_{WA6}= free outlet sound power level in dB.

Characteristic curve



① Auxiliary characteristics curves for control voltage 2 - 10 V

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Dimensioned drawing [mm]

